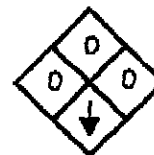
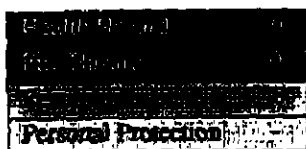


Green-It Turf Products



HMS RATING

Material Safety Data Sheet

NFPA RATING

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Northwoods Ice Melter **MSDS NUMBER:** 3001
GENERIC NAME: Lawn and Garden Fertilizer **DATE ISSUED:** November 20, 1997
MANUFACTURER: Green-It Turf Products **EMERGENCY PHONE:** (303) 678-5060
ADDRESS: 2389 Highway 66 **MANUFACTURER PHONE:** (303) 678-5060
CITY, STATE, ZIP: Longmont, CO 80504 **MANUFACTURER FAX:** (303) 678-0470

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	TLV	PEL
Sodium Chloride	7647-14-5	None	None
Potassium Chloride	7447-40-7	None	None
Urea	57-13-6	None	None

Key: TLV = ACGIH, 8hr. time weighted average (TWA); PEL = OSHA permissible exposure

SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Generally self-extinguishing in fire situations. Product is of low toxicity to health or environment.

HMS RATING: Health: 0 Fire: 0 Reactivity: 0 Personal Protection:

POTENTIAL HEALTH EFFECTS:

ROUTES OF ENTRY: Inhalation, skin contact, eye contact, ingestion

INHALATION: Dust may be irritation to mucous membranes and respiratory tract. Excessive exposures to dust may cause sore throat, coughing, difficult breathing and severe lung congestion.

SKIN CONTACT: May cause irritation from prolonged or repeated exposure.

EYE CONTACT: May cause redness and irritation to the eye.

INGESTION: May cause gastric irritation, nausea, and abdominal spasms.

SECTION III - HAZARD IDENTIFICATION

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Liver or kidney dysfunction (urea). May aggravate Pre-existing respiratory conditions (dust). When heated to high temperatures a vapor is emitted which is irritating to the eyes particularly.

CARCINOGENICITY: Not listed by NTP or IARC. Not regulated as a carcinogen by OSHA.

SECTION IV - FIRST AID MEASURES

INHALATION: Move to fresh air, which is free from risk of further exposure. Treat symptomatically if required.

EYE CONTACT: Flush with clean, lukewarm water at low pressure. Seek medical attention if irritation persists.

SKIN CONTACT: Wash affected areas with soap and water. Seek medical attention if irritation persists.

INGESTION: Encourage the drinking of large quantities of milk or water. Induce vomiting. Get medical attention if irritation persists.

SECTION V - FIREFIGHTING MEASURES

NEPA RATING: Health: 0 Fire: 0 Reactivity: 0 Other: 0

FLASHPOINT AND METHOD: Non-flammable

EXTINGUISHING METHOD: In a major conflagration, use water mist, foam, CO₂, or dry chemical to keep material from decomposing.

FIRE OR EXPLOSION HAZARDS: Product is generally self-extinguishing.

SPECIAL FIREFIGHTING PROCEDURES: Due to the presence of PO_x, NO_x, and NH₃ fumes, full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Recover and reuse unless grossly contaminated. Over-application resulting from spills may cause foliage damage to vegetation.

SECTION VII - HANDLING AND STORAGE

STORAGE TEMPERATURE: Avoid storing in areas of excessive temperature.

SHELF LIFE: Indefinite.

SPECIAL SENSITIVITY: None.

HANDLING AND STORAGE PRECAUTIONS: Store in well ventilated building. Avoid skin and eye contact and avoid breathing dusts if generated. Good housekeeping is recommended to prevent the accumulation of dust.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Use safety glasses if there is potential for exposure to particles which could cause mechanical injury to the eyes.

SKIN PROTECTION: Wear gloves and long sleeves when handling this product.

RESPIRATORY PROTECTION: Treat as a nuisance dust. For exposures over 15 mg/M³, total dust (OSHA PEL), use a respirator approved for dusts such as 3M model 8710 or equivalent.

ENGINEERING CONTROLS: Product is normally used out of doors; however, if indoor use is required, good general ventilation should be sufficient for most conditions.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Crystals or Granules

ODOR: None

COLOR: Various

SPECIFIC GRAVITY: 2.0

MELT POINT: 1423

BULK DENSITY: N/D

SOLUBILITY IN WATER: 25% @ 68°

pH: N/D

SECTION X - REACTIVITY

STABILITY: This is stable material.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong acids can cause release of toxic chloride gases, Mildly corrosive to steel when wet.

DECOMPOSITION PRODUCTS: CO, CO₂, PO_x, NO_x, NH₃, irritating hydrocarbon particulate.

SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION

The nitrogen and phosphate content of the stormwater run-off of excessively applied fertilizer may result in ecological damage to lakes and streams by stimulating algae and other aquatic growth.

SECTION XII - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This material is commercial fertilizer. It may be disposed of by applying to soil in accordance with manufacturer's recommendations.

SECTION XIII - TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not Regulated

DOT LABEL: None

TECHNICAL SHIPPING NAME: None

DOT PLACARD: None

DOT HAZARD CLASS: None

UN/NA NUMBER: None

SECTION XIV - REGULATORY INFORMATION

OSHA STATUS: This product is regulated under OSHA criteria as a nuisance dust.

TSCA STATUS: All applicable chemicals are registered under TSCA.

CERCLA REPORTABLE QUANTITY: Not regulated under CERCLA.

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS: N/A

SECTION 311/312 HAZARD CATEGORIES: Chemicals contained in this product are reportable under SARA Title III. Check with your county emergency planning committee for applicable reportable quantities.

SECTION 313 TOXIC CHEMICALS: N/A

RCRA STATUS: Not regulated under RCRA.

SECTION XV - APPROVALS

REASON FOR ISSUE: New MSDS

SUPERSEDES DATE: N/A

PREPARED BY: Central Garden and Pet

APPROVAL DATE: November 20, 1997

SECTION XVI - DISCLAIMER

AS OF THE DATE OF THIS DOCUMENT, THE FOREGOING INFORMATION IS BELIEVED TO BE ACCURATE AND IS PROVIDED IN GOOD FAITH TO COMPLY WITH APPLICABLE FEDERAL AND STATE LAWS. HOWEVER, NO WARRANTY OR REPRESENTATION OF LAW OR FACT, WITH RESPECT TO SUCH INFORMATION, IS INTENDED OR GIVEN.